Multi mode transport system

447. SHRI P. PRABHAKAR REDDY: Will the Minister of RAILWAYS be pleased to state:

(a) whether the Railways in collaboration with the State Government have developed a multi-mode transport system to decongest traffic in Hyderabad City;

(b) if so, the details thereof;

(c) whether an MoU has been signed in this regard and if so, the details thereof; and

(d) by when the proposed multi-mode transport system is likely to become operational?

THE MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI BANDARU DATTATRAYA): (a) to (d) An MoU was signed between Ministry of Railways and Government of Andhra Pradesh to strengthen the suburban rail infrastructure and services in the city of Hyderabad as a part of a comprehensive Multimodal suburban Transportation system. The routes of Falaknuma-Secunderabad, Secunderabad-Lingampally, Secunderabad-Nampally have been identified under the scope of this multimodal transport system. The proposed multimodal transportation aims for integration of rail and bus services, and multi-modal ticketing.

With first phase implementation, train services are likely to be introduced on Hyderabad-Lingampally section by March 2003.

Improving the Meteorological Department

448. SHRI H.K JAVARE GOWDA: Will the Minister of SCIENCE AND TECHNOLOGY be pleased to State:

(a) whether it is a fact that the Indian Meteorological Department failed in prediction of Monsoon this year which caused great loss to farmers of the country particularly to the Karnataka farmers;

(b) if so, the details of steps Government propose to take to improve meteorological department; and

(c) whether the Indian Space Research Organisation (ISRO) can predict the climatic changes; if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY (SHRI BHACHI SINGH RAWAT): (a) The Indian Meteorological Department has been issuing Long Range Monsoon Forecasts correctly for the last 14 years using a Statistical Model that relates to seasonal rainfall with antecedent regional and global weather conditions. It makes forecasts for the country as a whole and not for smaller regions. This years' monsoon forecast by the IMD had a negative deviation of (-) 19 percent from predicted value. A degree of uncertainty is inherent in any statistical model.

(b) Department of Science and Technology has constituted a Committee of Scientists to examine the existing system and suggest improvements.

(c) No Sir, Indian Space Research Organisation is primarily responsible for building satellite systems with meteorological payloads capable of providing data, which when integrated with other appropriate collateral data, enables to arrive at meaningful forecasting models that could predict climate changes.

Experiments about monsoon failure

449. SHRI C.P. THIRUNAVUKKARASU: Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether the Indian Meteorological Department's experts have examined the causes for the failure of the just concluded summer monsoon in the country;

(b) if so, the details thereof;

(c) whether the results of experiment conducted jointly by several organisations in the Arabian Sea between June, 15 and August, 15 to gather ocean and atmospheric observations have been examined;

(d) if so, the details thereof; and

(e) the measures to be adopted for long range month-wise prediction of the Monsoon in future?